Information Technology's Role in Enterprise Architecture

Presenter

Pete Wiseman

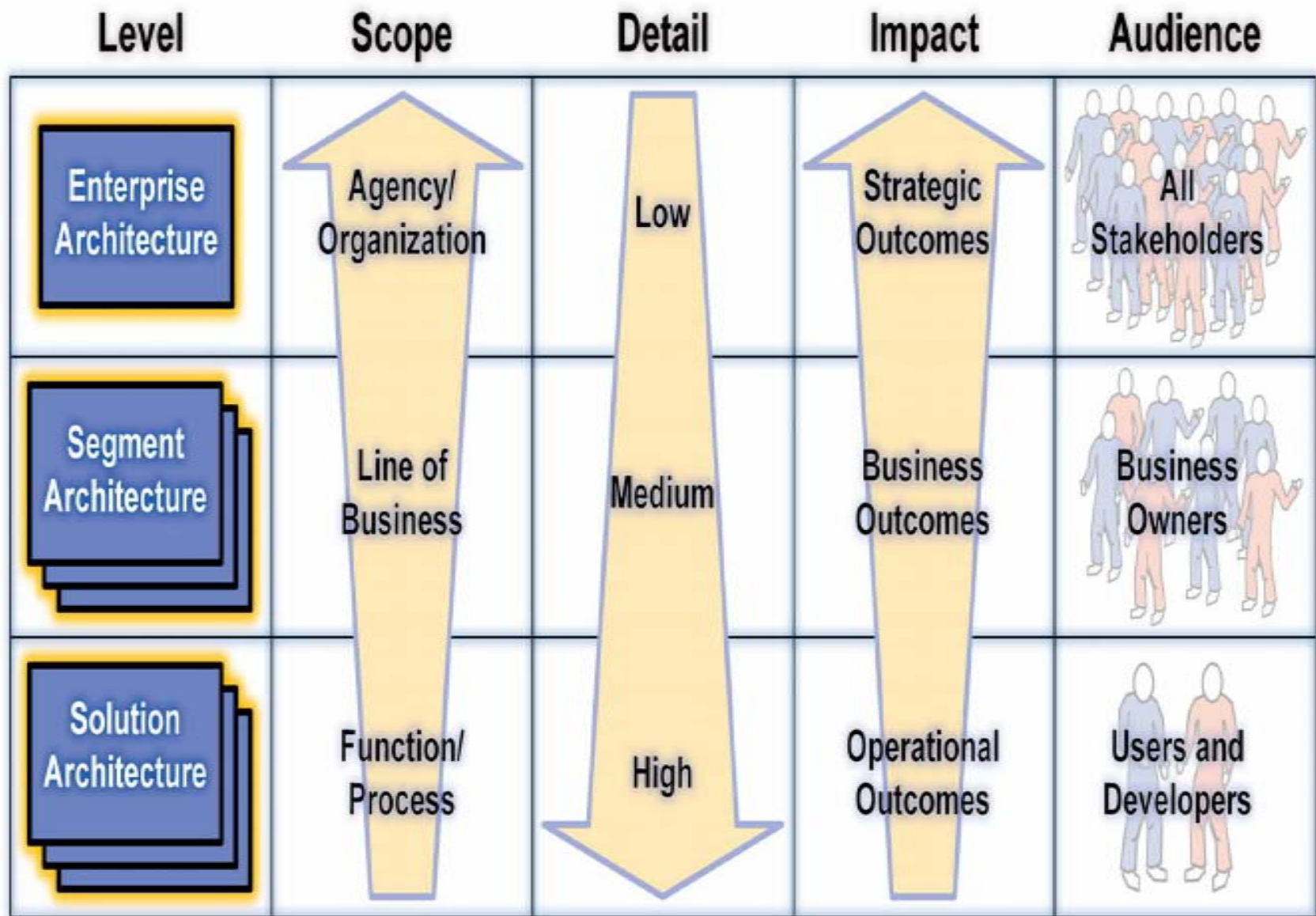IT Architecture Team Lead

Agenda

- What is Enterprise Architecture?
- Types of Architecture and their Relationship to Enterprise Architecture
- Business Cycle – Improving Services
- Information Technology's Role in Enterprise Architecture
- Federated Approach to Transforming IT and Business

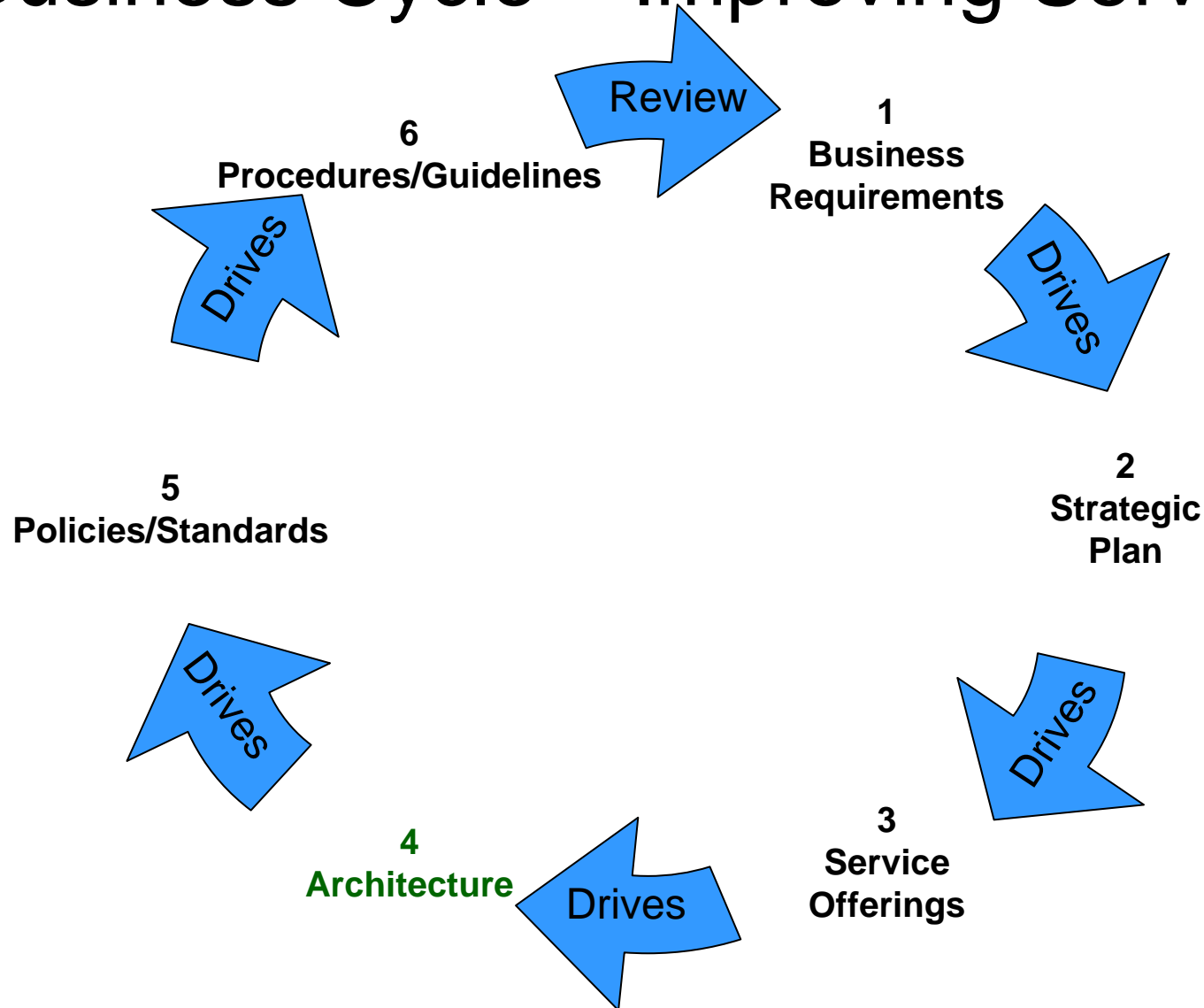# What is Enterprise Architecture?

- Enterprise architecture (EA) is a structured planning discipline where architecture practitioners facilitate planning and implementation of change within a given architectural segment for their customers' organizations.

- Out of EA comes the plans to take us from the "as is" to the "to be" state.

Types of Architecture

- <u>Enterprise Architecture</u> – provides "big picture" view across the organization

- <u>Segment Architecture</u> – focuses on specific areas of the business and are more detailed and results-oriented

- <u>Solution Architecture</u> – provides the overall technology solution for a specific business unit

Level	Scope	Detail	Impact	Audience
Enterprise Architecture	Agency/ Organization	Low	Strategic Outcomes	All Stakeholders
Segment Architecture	Line of Business	Medium	Business Outcomes	Business Owners
Solution Architecture	Function/ Process	High	Operational Outcomes	Users and Developers

Business Cycle – Improving Services

Review

6
Procedures/Guidelines

1
Business Requirements

Drives

Drives

5
Policies/Standards

2
Strategic Plan

Drives

Drives

4
Architecture

Drives

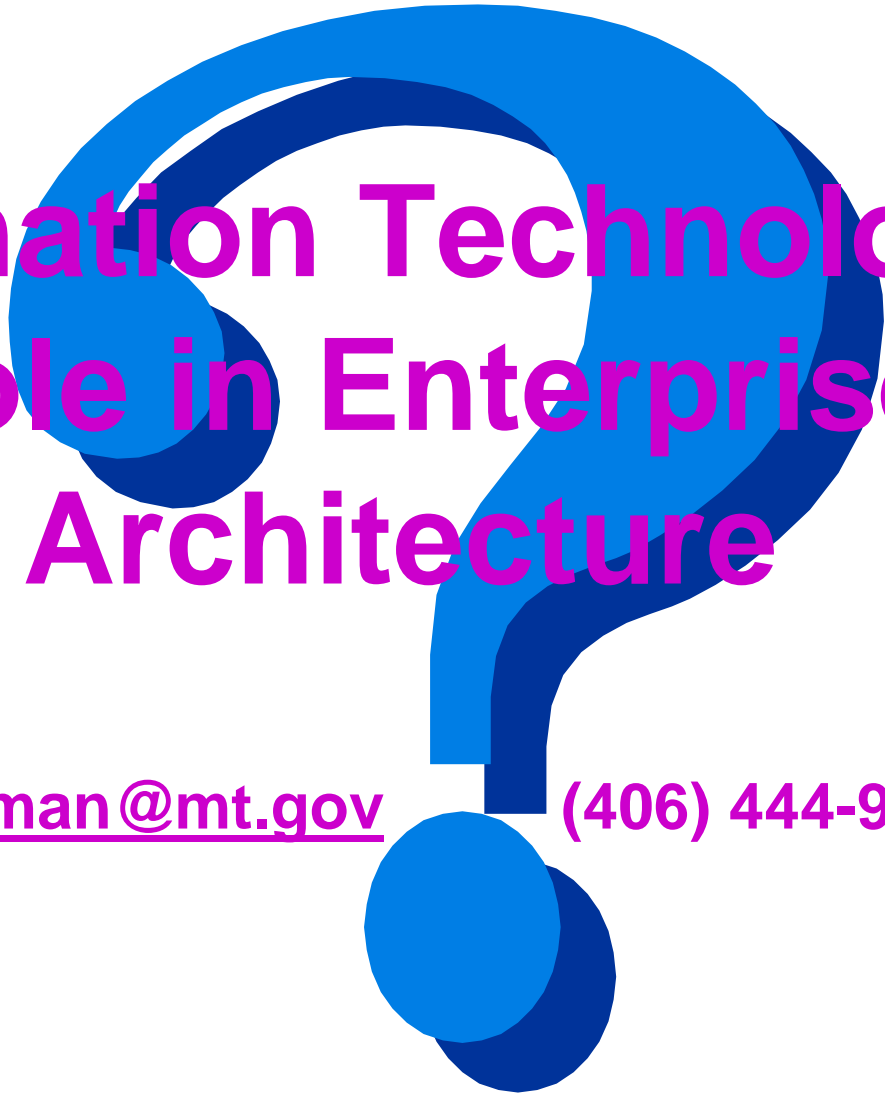**3**
Service Offerings

Information Technology's Role EA

- Provide the right tools by asking the right questions (business requirements, operations, etc).

- Understand what business your customers are in.

- Help make smart investment decisions.

- Listen to your customers.

- Keep in mind IT exist to serve Business.

Federated Approach to Transforming IT and Business

- Communities of Interest – share resources and/or information, where possible.

- Helps align authority with accountability.

- Recognizes the uniqueness and specific purpose of disparate lines of business.

Information Technology's Role in Enterprise Architecture

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